

Adventures in Simulated Space: HERA

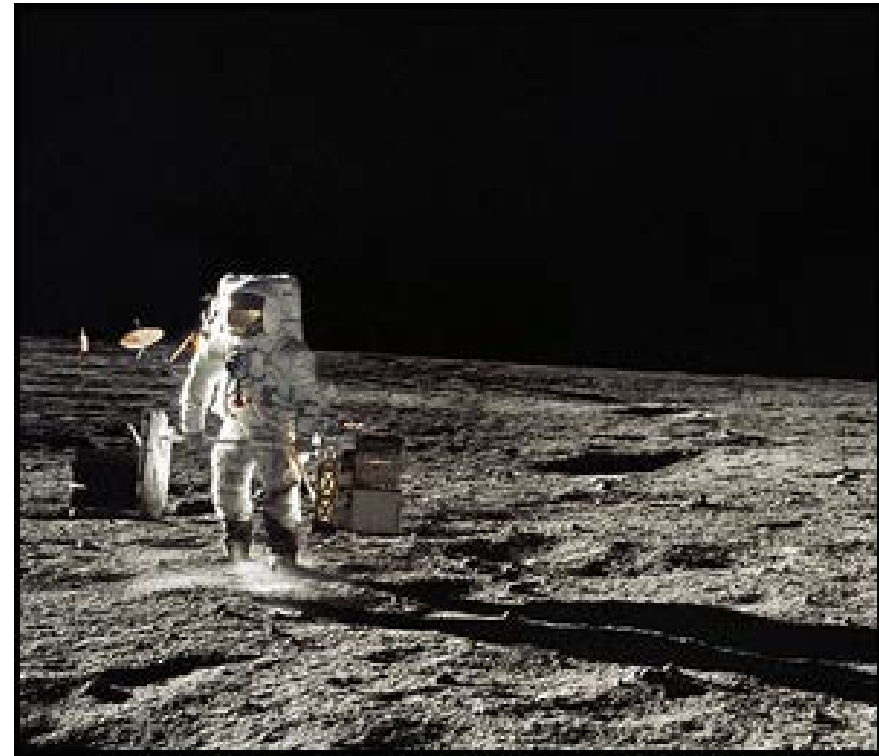
National Aeronautics and Space Administration
(NASA)

Flight Analogs



Space Exploration

- Past
 - Low Earth Orbit (LEO)
 - Lunar
 - Shuttle
- Present
 - International Space Station





Space Exploration

- Future
 - The moon
 - Mars
 - Asteroids
 - Whole other solar systems



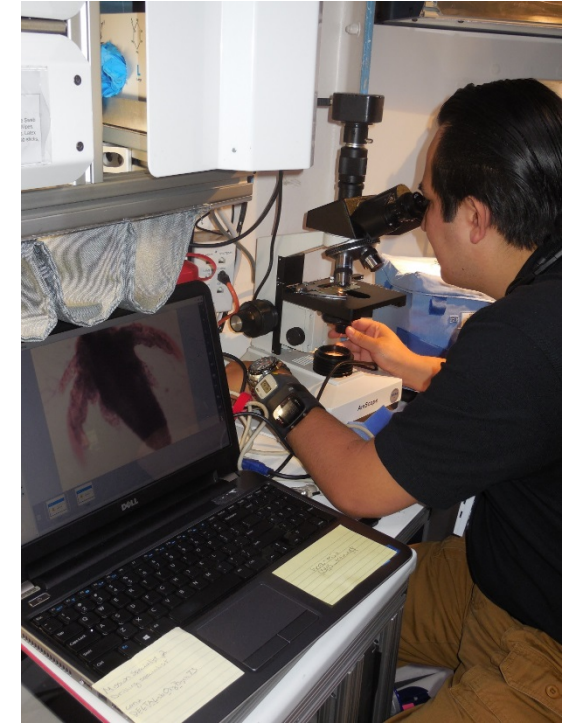


Exploration Research Analog (HERA)



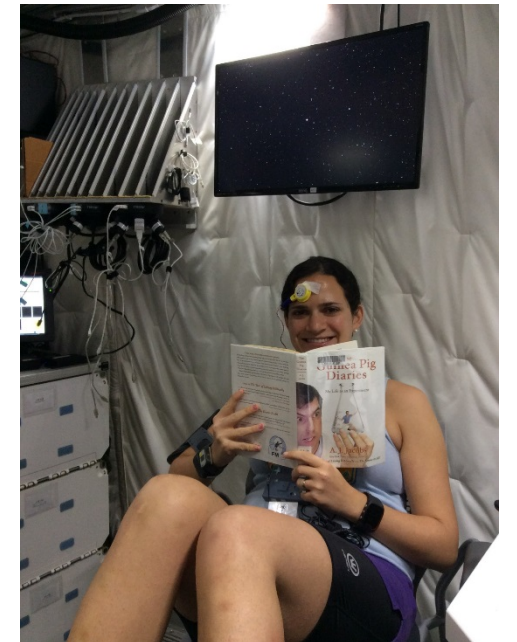


Life as a HERA-naut





But it is not all
Work





How you can help our simulated Astronauts

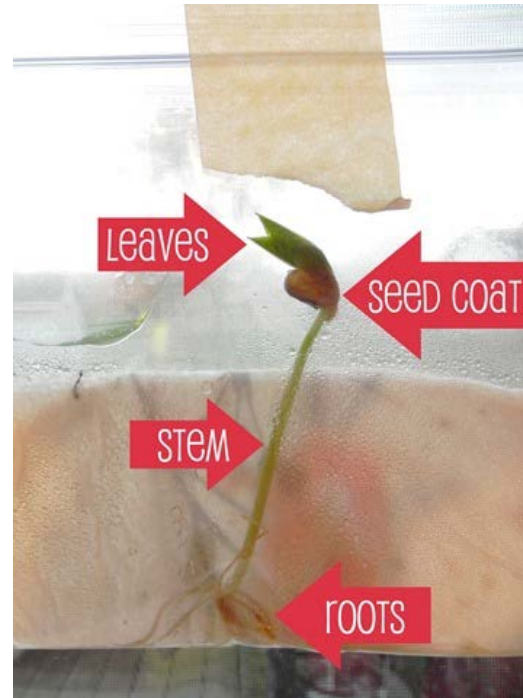
- By growing seeds in your classroom the HERA-nauts can use the data you collect to compare your plants with the plants grown inside HERA
- One day people hope to grow plants on Mars





Your Experiment... Should you choose to accept it!

- 1) Gather your equipment
- 2) Put the seeds and a wet paper towel into a plastic bag
- 3) Write down notes about how the plants grow
 - Perform 3 status checks, take pictures and fill out the data sheet
- 4) Send your information to the HERA-nauts
- 5) Wait to get the HERA-nauts' observations back



Lima Bean Observation



Name _____

Date _____

Plant Height	Number of Leaves	Number of Flower buds	Other

Other includes anything you may notice (leaves broken off, roots getting longer, color)



Maybe One Day you Could be a Martian Farmer!

